

**Supplemental Specification
2005 Standard Specification Book**

SECTION 13595

ATMS INTEGRATION

Delete Section 13595 and replace with the following:

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Integration of all appropriate ATMS devices, including successful completion and documentation of all field operational tests.
- B. Install and connect all incidental equipment as required for a complete and operational system.
- C. Furnish all necessary test materials, cables, connectors to complete and test the integration of the ATMS device.

1.2 RELATED SECTIONS

- A. Section 13551: General ATMS Requirements

1.3 SUBMITTALS

- A. In accordance with Section 13551.
- B. Test report for the 30 Day ATMS Burn-In Test.

PART 2 PRODUCTS Not used

PART 3 EXECUTION

3.1 ACCEPTANCE TESTING

- A. Provide a Completion Notice per Section 13551 once Local Field Operations Tests have been successfully completed on all devices. Notify the Engineer in writing of readiness to begin integration.
- B. Integration requires the successful completion of a 30 Day ATMS Burn-In Test, consisting of the verification of valid data and control at the communications demarcation point for all devices. Obtain UDOT's newest version of the 30 Day ATMS Burn-in Test Report form from the UDOT Web site. Refer to <http://www.udot.utah.gov/index.php/m=c/tid=719>.
- C. Notify the Engineer in writing at least five working days before the proposed date that the Acceptance Tests will take place. Obtain UDOT's newest version of the ATMS Testing Pre-Notification form from the UDOT Web site. Refer to <http://www.udot.utah.gov/index.php/m=c/tid=719>. The Engineer must witness the Acceptance Tests or designate an individual or entity to witness the Acceptance Test on the Department's behalf.
- D. Once the Local Field Operations Test has been successfully completed on all sites, the Engineer may grant Partial Acceptance of the project. The 30 Day ATMS Burn-In period begins at this time. Begin the 30 Day ATMS Burn-In period for all ATMS devices of the same type on the same day.
- E. Operate the device, in coordination with Traffic Operations Center (TOC) staff, on a daily basis during the 30 Day ATMS Burn-In period noting the results on the 30 Day ATMS Burn-in test form. The Department TOC staff may help verify the daily equipment operation if at the time of testing, communications are consistently provided from the site to the TOC.
- F. Promptly remedy the defect in the event of a failure due to equipment or workmanship.
 - 1. Provide the Engineer with a Completion Notice.
 - 2. Restart (from day one) the 30 Day Burn-In period for that device.
 - 3. The Engineer may identify an independent third party to specify what defects (if any) must be addressed for the work to meet the specifications in the event of a second failure at the same device. If defects are identified, cover the costs required to remedy the defect.
 - 4. The Engineer may authorize others to complete the work at no additional cost to the Department if the Contractor fails to remedy any identified deficiencies in the work within the time required by the Engineer.

- G. Engineer grants Final Acceptance after the 30 Day Burn-In period is complete and all required documentation has been received.

END OF SECTION